श्रीमती सुशीला रोहतगी : जहां तक हम लोगों की सूचना है अभी तक पंजाब का एनुअल प्लान फाइनलाइज नहीं हुआ है, 87–88 वाला, जब फाइनलाइज हो जायेगा तो पिक्चर सामने आ जायेगी । यह 600 मेगावाट का जो बनने वाला है इसमें तो थोड़ा सा दे दिया है और इसमें थोड़ा समय लगेगा । पर शार्टेज इतनी ज्यादा नहीं है, कोई 2.2 परसेंट शार्टेज पड़ेगी और सेंट्रल पावर प्रोजेक्ट्स से पंजाब को, जितना उसका शेयर है, वह बराबर मिलता रहेगा और हमें आशा है कि जो हमारे नये गैस प्रोजेक्ट्स सामने आ रहे हैं, गैस प्लांट भी है, हमारा नरोरा का प्लांट भी आने वाला है इसके अतिरिक्त रिहन्द का प्रोजेक्ट है इन सब में से पंजाब को शेयर मिलेगा । इससे इतनी ज्यादा शार्टेज उनको नहीं पड़ेगी ।

Utilisation of gas found in Krishna-Godavari Basin

*427. SHRI PARVATHANENI UPENDRA: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) whether consequent to the exploration in the Krishna-Godavari Basin, large quantities of natural gas are available for distribution; and

(b) if so, what steps are being taken by Government for proper utilisation of the gas?

THE MINISTER OF STATE OF THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI BRAHM DUTT): (a) With the reserves established, about one million cubic metre per day of natural gas can be produced for a period of 15 years from Krishna-Godavari Basin.

(b) ONGC have already signed contracts with a few consumers. Efforts are being made to identify more consumers

MR. CHAIRMAN: Question Hour is over.

WRITEN ANSWERS TO QUESTIONS

Biogas Technology

*428. SHRI SURESH PACHOURI: Will the Minister of ENERGY be pleased to state:

(a) whether Biogas technology is being improved to reduce fuel shortage in the country;

(b) whether at a National Symposium on Biotechnology and its usage organised by IARI in November, 1977 a number of useful recommendations were made;

(c) what is the status of implementation of each of these recommendations; and

(d) whether there is any technolobgy mission on biogas in hand and if so, what are the details thereof and the progress made so far in this regard?

THE MINISTER OF ENERGY (SHRI VASANT SATHE): (a) Yes, Sir Biogas Technology is already being promoted in the country under the National Project for Biogas Development and Community/ Institutional Biogas Plant programme to reduce the problem of fuel shortage. Improvements in the design of biogas plants have also been made under the research programme and are continuing.

(b) to (d) A statement is laid on the Table of the House.

Statement

(b) to (d) A National Symposium on Biogas Technology (not Bio Technology) and Usage at IARI in November, 1977 made recommendations relating to basic research; engineering aspects; utilisation of slurry; extension, organisational and financial aspects of biogas development

Keeping these recommendations in view a National Project on Biogas Development (NPBD) was formulated. This was initially with Ministry of Agriculture and was transfererd to the Department of non-Conventional Energy Sources in September, 1982. This extension programme for

maximising use of biogas technology has made good progress in the last three years with annually increasing achievements Over 8.8 lakh biogas plants have already been built. The programme has become popular with farmers and there is great demand. The costs of biogas plans have been gradually reduced by developing cheaper as also smaller models. R&D extension, training, financial and institutional measures have all been strengthened which have enabled success of this programme.

To scale up the technology to meet requirements of the community and institutional biogas plants (CBP/IBP), a R&D programme was taken up in 79—81 as a result of which design of large sized biogas plants of the floating drum type has been perfected and various engineering and scientific aspects optimised. This R&D phase was followed up by a CBP/IBP demonstration programme to gain experience. A number of large sized plants have now been functioning continuously for over 2 to 5 years.

Research & Development efforts to diversify feed stocks and to optimise biogas generation are being carried out. With a view to maximise recycling of wastes and residues for biogas generation, R&D for treating industrial effluents for biogas generation have also yielded very favourable results in the recent past with some plants producing 5000 to 8000 cubic metres of biogas per day

Thus a well co-ordinated R&D, technology and extension progaimme involving research institutions, Central as well as State Governments and agencies including voluntary agencies is underway though not termed as a "Technology Mission". The programme, already successful, is set to make even more rapid expansion if adequate funds are provided.

Price increase recommended for coal

*429. SHRI GURUDAS DAS GUPTA: Will the Minister of ENERGY be pleased to state·

(a) whether it is a fact that the Bureau of Industrial Costs and Prices (BICP) has recommended an average price increase of 14 per cent for coking and non-coking coal; and

(b) if so, what are the details thereof and what is Government's reaction thereto?

THE MINISTER OF ENERGY (SHRI VASANT SATHE): (a) and (b) The revised prices of coal produced by Coal India Group of companies recommended by Bureau of Industrial Costs and Prices (BICP) as on 1st January, 1987 will have the effect of increasing the average price of coal by around 14 per cent. The report of the BICP is being studied.

Industrial growth in Arunachal Pradesh

*430. SHRI BIR BHADRA PRATAP SINGH: Will the Minister of INDUSTRY be pleased to state:

(a) whether it is a fact that there is hardly any industrial growth in the State of Arunachal Pradesh; and

(b) what are the details of industries set up in the State licences in respect of which have been issued by the Central Government?

THE MINISTER OF INDUSTRY (SHRI J. VENGAL RAO): (a) and (b) A statement is laid on the Table of the House. [*See* Appendix CXLIV, Annexure No. 134].

Public Sector Thermal Power Plants

*431. SHRI PRAMOD MAHAJAN:
SHRI SHANKER SINH VAGHELA:

Will the Minister of ENERGY be pleased to state:

(a) the Statewise names of the Central and State public sector thermal power plants, indicating their rated capacity and percentage capacity utilisation in each case during the last three years and the current year so far;